

SUN'S ECLIPSE

Witnessed By Many Observation Parties in the South.

STUDY OF THE CORONA

One of the Principal Features—Path of Darkness Included Nearly Fifty Towns—Astronomy Benefited by the Occurrence.

ATLANTA, Ga., May 28.—The eclipse of the sun to-day, visible throughout North America, Europe and Africa, but total only in some parts of Louisiana, Alabama, Georgia, North Carolina, South Carolina, and Virginia in the United States, was an event of first importance, not only to astronomers, but the world at large. It was unprecedented in more than one respect. Its path of totality, instead of extending through sparsely settled regions, or running over scant expanses of water, crossed six states in a populous portion of the country, all of the region being easily accessible by rail and water. It has been 11 years since a similar event was witnessed, but the advancement of astronomical science and the marvelous improvements in telescopes, photographs and electrical appliances insured more complete observations than ever before known.

Costly Preparations Were Made. The United States government and all great educational institutions made elaborate and costly preparations to get the best possible observations and millions of dollars were expended in this way. While great interest attached to the eclipse itself, the object of the astronomers composing the "eclipse expeditions" from all parts of the country was not alone to observe the passing of the moon before the sun, but the study of the "corona." This particular branch of the many phenomena generally attending an eclipse, has always been an unsolvable problem. It is the belief of many astronomers that the corona is a product of the sun and has nothing to do with the earth or moon, as formerly supposed. Two spectra, one of bright lines and the other continuous, have been revealed at former eclipses.

Helium is Discovered. Hydrogen gas has been indicated and a rare element called helium, recently detected in the volcanic rocks on the earth, has been seen. Of whatever substances the corona may be composed, and whatever may be the true nature of its physical and chemical constitution, it is certain that it is of great tenacity. So rare is it that comets in their swift flight around the sun have been known to pass through it without sensible resistance. Surrounding the sun is a gaseous substance termed by astronomers the "chromosphere." It is believed to be from five to ten thousand miles deep. Projecting through this chromosphere are observed with total eclipses the shoots or limbs, which rise often to a height of 100,000 miles with amazing rapidity. To the accurate observation of this paramount feature of the eclipse every appliance of the instrument makers' art, combined with the astronomers' knowledge was directed in the hope of reaching a solution of this phenomena. Generally speaking, the observations taken by the astronomers to-day were confined to three separate lines of work—the old method of telescopic observations; viewing of the eclipse with the naked eye and the photographing of the phenomena of the eclipse.

Path of Totality Through Mexico. The path of totality to-day began in the Pacific ocean just west of Mexico. It passed eastward across Mexico and entering the United States near New Orleans, proceeded in a northeasterly direction until it leaves the continent close to Norfolk, Va. Then it crosses the Atlantic, touches Portugal and afterwards passes across Northern Africa, leaving the earth finally near the northern end of the Red sea. In this country the cities of New Orleans, Mobile, Montgomery, Raleigh and Norfolk were in the totality path. Besides these cities the path of darkness included thirty other towns which are large enough to have their names on the map. Few, if any, observatory parties were located at the large cities, for the reason that they lacked altitude, and an unobstructed view for any distance was not to be found.

Clearer Atmosphere Assured. The higher altitudes gave reasonable assurance also of clearer atmosphere and at this season of the year less clouds are generally found, especially in Alabama, Georgia and North Carolina. While the eclipse was visible all over the country, it was only within a path of about fifty miles in width, extending from New Orleans to Norfolk, that the observation was complete. It will be readily seen, therefore, that a difference of five miles in this belt made a difference of one-fifth in the matter of time in which the observation may be witnessed and a position near the central line of totality increased in geometrical proportion to the stupendous grandeur of the phenomenon.

Government Appropriated Liberally. The United States government appropriated liberally for to-day's great work and observation parties were established at three places in the south and at Tripoli in Africa, by the naval observatory. Prof. S. J. Brown, U. S. astronomical director, is in charge of the naval parties in the south, which

number about sixty persons. Prof. Brown's headquarters are at Barnesville, Ga. The preliminary work, such as selecting a site, erecting tents and installing the instruments, was in charge of Prof. Milton Updegraff. A carload of costly and delicate apparatus was placed in position, the multitudinous details were completed and the assistants drilled to perfection a few days ago. Three large buildings were erected on a prominence at an altitude of 1,000 feet. A large scaffold was put up and a tent pitched.

Description of the Instruments. In one of the large buildings is the polar axis upon which were mounted various cameras and photographic telescopes. The telescope is revolved slowly by means of a clepsidra or water clock. Two equatorial telescopes for visual observation of the corona were also placed in position in this building. Upon the scaffold the large photo-heliograph with six-inch lenses and forty feet focal length was installed. There is, of course, a dark room where the plates will be developed and on this particular branch of work depends the preservation of the records of the all important event. A branch of this naval observatory party was stationed at Griffin, Ga., a few miles away, in charge of Prof. G. A. Hill. Prof. Hill's temporary observatory is on the estate of Georgia's experiment station farm, two miles and a half from the center of Griffin. This is also a high point. Both to the east and the west the country is open and afforded a splendid view, not only of the eclipse itself, but the shadow as it appeared from the west could be distinctly seen for miles. The station was selected for the express purpose of making spectroscopic analysis of the various phenomena of light. In this particular, the work of the Griffin station differed widely from that at Barnesville. The third government station was located at Pinehurst, N. C. Prof. A. N. Skinner was in charge and his work for the most part was of the same character as that performed by the Griffin observatory.

Splendid Staff of Observers. Prof. Skinner has been on the ground for two weeks or more, his chief work being to superintend the erection of one of the largest cameras ever constructed. This station is manned by five members of the observatory staff and a number of distinguished specialists, among them Dr. Chase, of Yale. The eclipse station of the Capt. observatory was located at Silem, Ga. The party was sent out from the home of the observatory, Oakland, Calif., by Prof. James Diller, a noted astronomer of San Francisco, and members of the Royal Astronomical Society of London. Prof. Charles Burkhalter is in charge of the party.

The permanent staff of the Yerkes observatory of the University of Chicago, located their station at Wadesboro, N. C., with Prof. Edward E. Barnard in charge. Prof. Barnard placed in position the magnificent photographic telescope of six-inch aperture and focal length of sixty-two feet. This telescope is capable of producing pictures from sixteen to twenty inches in diameter. A delicate apparatus for measuring the heat radiation of the corona was also set up.

Massachusetts Institute of Technology sent a delegation in charge of Prof. A. H. Burton. Prof. W. H. Pickering directed the party sent out by Harvard. He was assisted by J. R. Edmunds and J. R. Atwell, of the same institution.

Blue Hill observatory, Boston, sent out A. L. Rotsch and party. Their work was confined to meteorological observations, a study and record of the shadow bands and the velocity of the eclipse wind.

PILING UP TESTIMONY.

Nothing But Praise From All Sources.

Stands High in the Estimation of Those Who Have Tested Its Merits.

There is no doubt whatever as to the merits of Morrow's Kid-ne-oids, judging from the wonderful results obtained right here in Wheeling. Morrow's Kid-ne-oids are used daily by hundreds of Wheeling citizens, and they all testify without any hesitancy about the great good they have experienced by the use of this great kidney remedy. Kid-ne-oids will positively cure kidney backache, dizziness, sleeplessness, restlessness, nervousness and all urinary disorders and diseases arising from a disordered condition of the kidneys.

Mrs. William Davidson, of No. 1929 Chapline street, has been a sufferer from a disordered condition of the kidneys for some time, and has been greatly benefited by the use of Morrow's Kid-ne-oids. Mrs. Davidson states that she would, at times, have complete retention of the urine, and that the services of a physician were required to relieve her. She also suffered very severely from lame back and nervousness. A few doses of Kid-ne-oids very greatly relieved all the above conditions; she persisted in using Kid-ne-oids, and now says that Kid-ne-oids have cured her entirely of all the above ailments.

That is the way Kid-ne-oids act; they cure where other kidney remedies have failed. Kid-ne-oids are a scientific preparation accomplished by years of study; they do cure kidney and urinary disorders. All druggists sell them on a positive guarantee, and will refund your money if Kid-ne-oids do not give you relief.

Morrow's Kid-ne-oids are not pills, but Yellow Tablets, and are put up in wooden boxes, which contain enough for about two weeks' treatment, and sell at fifty cents a box at all drug stores. A descriptive booklet will be mailed upon request by John Morrow & Co., Chemists, Springfield, Ohio.

One Woman's Letter SAYS

"I doctored with two of the best doctors in the city for two years and had no relief until I used the Pinkham remedies.

"My trouble was ulceration of the uterus. I suffered terribly, could not sleep nights and thought sometimes that death would be such a relief.

"To-day I am a well woman, able to do my own work, and have not a pain.

"I used four bottles of Lydia E. Pinkham's Vegetable Compound and three packages of Sanative Wash and cannot praise the medicines enough."—MRS. ELIZA THOMAS, 634 Pine St., Easton, Pa.

Mrs. Pinkham advises suffering women without charge.

Lydia E. Pinkham Med. Co., Lynn, Mass.

CLOSE CAMPAIGN

For Control of the House of Representatives Predicted by Congressman Babcock.

NEW YORK, May 27.—Representative Joseph W. Babcock, of the Third district of Wisconsin, chairman of the Republican congressional campaign committee, said to-night that in his opinion the contest for the control of the next house of representatives would be close. He said that while the reports he had received from various parts of the country indicated the reelection of President McKinley, the loss of a few districts would give the Democrats a majority in the house. Mr. Babcock also expressed the opinion that Senator Charles Warren Fairbanks, of Indiana, had the best chance at present of any of the candidates for the vice presidential nomination.

A Card.

PRINCETON, Va., May 23, 1900. To the Republican Party of the State of West Virginia:

The Republicans of Mercer county take this method of presenting to the Hon. J. W. Hale (of Mercer) as their candidate for the nomination for judge of the supreme court, and earnestly request the party to nominate him for the position.

When it is remembered that the Republicans of southern West Virginia have had a long, hard fight since 1863 for existence, and that fight has been the most stubborn and bitter of any section of the state; and when it is further remembered that we have increased from a mere handful until we are now in the majority in nearly all the counties south of Kanawha and New rivers, and in all these years have had little or no encouragement from the party at large, but have always remained loyal and faithful to the party and party principles. It does seem to us that we are entitled to recognition, and that it is nothing but just and right that the nomination be conferred upon our county man.

J. W. Hale is a West Virginian, a typical American and a loyal Republican; a man of good physique and health; a man of splendid ability, and is second to no man in the state in legal accomplishment, and stands in the front rank of his profession. He is a man pure in his life, honorable in his profession and just in his dealings with his fellow-men, and will make a just judge. By his own efforts and industry his life has been a successful one, and will do him merit it.

It is but just to say that he is the party's candidate, not his own. It was after being urgently implored by his party and the party leaders of southern West Virginia that he has permitted his name to be used as a candidate for this position.

Now, fellow Republicans of West Virginia, we ask that you help us and give us J. W. Hale for supreme judge. If you do this Mercer county will always be grateful. He will add great strength to the ticket throughout this entire section, and especially in Mercer county, and insure Mercer Republican by a larger majority than she has ever before given.

We call upon all Republicans to unite in this matter and nominate J. W. Hale for judge of the supreme court.

By order of the committee. Yours truly, W. B. HONAKER, Chairman of the Republican Executive Committee of Mercer County.

Postmasters Commissioned.

Special Dispatch to the Intelligencer. WASHINGTON, D. C., May 28.—Commissions have been issued to West Virginia postmasters, as follows: H. Bruce McDowell, Rock Cave; Lafayette Starkey, Lot; Charles F. Mercer, Poland; Allen Clark, Bee; John L. Toomey, Manganes; Ida J. Ramsey, Mount Lookout; Minnie Derenburger,

Neesselrod; Annie Morton, Stroud's; Roger Martin, Kyle; Edward Millum, Elife.

MAYOR SMITH DEAD.

Stricken With an Acute Form of Dementia—Only Reform Mayor Ever Elected Who Enforced the City Laws.

Special Dispatch to the Intelligencer. CHARLESTON, W. Va., May 23.—W. Herman Smith, mayor of this city, died this morning at 7 o'clock at the Cincinnati Sanitarium, where he has been undergoing treatment for the past three weeks. He was stricken with an acute form of dementia on April 29, while at Gallipolis, Ohio, on a visit with his wife. From there he was removed to Cincinnati and placed under treatment by eminent specialists. His malady was incurable, and he grew gradually worse and died.

The deceased was perhaps the only reform mayor elected in Charleston who tried his utmost to enforce all the laws as he found them on the books. The city was honeycombed with abuses when he went into office, but he went to work to clean them out.

This he was doing most effectually and when he was stricken had succeeded in transforming criticism into general admiration upon the part of the best class of people. His tragic taking off is universally lamented. The remains will be interred at Gallipolis, his old home, a committee from the city council attending.

BOARD OF EQUALIZATION

Finishes Its Work—Few Changes From County Courts' Assessments.

Special Correspondence of Intelligencer. CHARLESTON, W. Va., May 23.—The board of equalization has closed its itinerary of the state, and met to-day in this city to complete its work. A large delegation of the farmers of Greenbrier and Monroe counties were before the board to-day to resist higher assessments in that vicinity, and they made quite a display of oratory.

The board will at once close up the counties that are passed and certify them to the auditor. There will be but few changes from the original assessment reported by the county courts.

Supply Company Organized.

Special Dispatch to the Intelligencer. CHARLESTON, W. Va., May 23.—The Phillip Supply Company, principal office at Phillip, Barbour county, capital stock, \$100, all paid in, was incorporated to-day. Incorporators, A. Thompson, Davis; J. C. Menoher, Pittsburg, Pa.; W. W. Patterson, Philadelphia; J. E. Hall, A. G. Dayton and C. F. Tetter, all of Philadelphia.

Bank of St. Albans.

Special Dispatch to the Intelligencer. CHARLESTON, W. Va., May 23.—The Bank of St. Albans, a state bank, was incorporated with a capital of \$25,000, of which \$2,500 has been paid in, with the following directors: C. D. Hereford, E. C. Colcord, W. E. Mehler, L. A. Beckwith, George C. Weimer, all of St. Albans, and R. R. McGregor, of Cairo, W. Va.

Pensions Granted.

Special Dispatch to the Intelligencer. WASHINGTON, D. C., May 23.—Pensions to West Virginia applicants have been granted as follows:

Original Bowles, Riverdale, \$3; Benjamin Davis, Cleason, \$6; Perry Moore, Hoodsville, \$6; George A. Murrin, Wheeling, \$6.

Increase—Benjamin F. Fish, Cameron, to \$24; John R. Rayburn, Flatrock, to \$17; Bushrod Gray, Viola, to \$8; Warner P. Price, Lucile, to \$12; George J. Stealy, Clarkburg, (special act), to \$40; James Swanson, Brownstown, to \$8; William S. Grafton, Wheeling, to \$10; Daniel P. Fawcett, Kingwood, (special act), to \$24; Isaac M. Locke, Claude, (special act), to \$20; Eli McDowell, Winfield, (re-issue), to \$12; James Stanley, (deceased), Huntington, (restoration), to \$12; C. S. Miller, Weilsburg, to \$8; John M. Hinds, Chester, to \$12; A. Singleton, Walker, to \$8; James Darrah, Woodland, to \$8; Daniel L. Walker, Spring Garden, to \$5; E. C. Stuck, Kingwood, to \$17.

Renewal—Henry F. Cobb, Spring Garden, \$8.

Widows—Mary E. Stanley, Huntington, \$8; Octava Burk, Maiden, \$3; Martha Gray, Wheeling, (special act), \$12; Ellen Tusco, Huntington, \$12; Mary E. Abbott, East, \$8.

Dependent—Minor of John G. Jones, Central City, \$10.

Pensions have also been granted to Marietta Sprowls (deceased), Bentleyville, Washington county, Pa., \$8, and to minor of Obeldia Sprowls, Bentleyville, Pa., \$10; also to Erastus H. Ames, Washington, Pa., increase, to \$10.

Ames, Washington, Pa., increase, to \$10. Increase to \$12; Orloff A. Zane, Bridgeport, Ohio, increase, to \$10.

DEMORALIZING INFLUENCE

On College Men Have Athletics, Say the College of Physicians and Surgeons.

CHICAGO, May 27.—The College of Physicians and Surgeons of Chicago decided to refuse recognition to athletics, and no longer give official sanction to the college football team.

Dr. William E. Quine, dean of the college says: "Experience has taught us that college athletics have a demoralizing and disturbing influence on the students, and interfere with the educational work of the college. We don't deny that athletics are of beneficial influence on the physical development of the young man, but the interests of education demand first recognition."

Mrs. Gladstone Falling Rapidly.

LONDON, May 28.—The illness of Mrs. Gladstone is now reported to be more serious. Her strength is gradually falling and the members of the family have been summoned to Hawarden.

Dr. Agnew's Catarrhal Powder.

Rev. W. M. Main, pastor of the Baptist Emanuel Church, Buffalo, gives strong testimony for and is a firm believer in Dr. Agnew's Catarrhal Powder. He had tried many kinds of remedies without avail. "After using Dr. Agnew's Catarrhal Powder I was benefited at once," are his words. It is a wonderful remedy. It relieves instantly. Sold by Charles R. Goetze, Twelfth and Market street.—13.

Change of Time on the Cleveland, Lorain & Wheeling Railway.

Sunday, May 20, 1900, trains will arrive in Heidelberg week days south-bound at 9:40 a. m.; 1:05 p. m.; 7:05 p. m. St. Clairsville trains at 8:54 a. m.; 4:25 p. m.; and north-bound at 6:45 a. m.; 12:25 p. m.; 4:30 p. m. St. Clairsville trains depart at 7:05 a. m.; 9:00 a. m.; 4:45 p. m. Sunday trains will arrive at 9:40 a. m. Depart for the north at 4:30 p. m.

Is it Gout? That aching foot may be gouty—it may be rheumatism. Whichever it may be TONGALINE is the remedy. The unfriendly acid in the blood and the deposits in the joints, which cause gout, must be driven out before a permanent cure can be secured. This is exactly what TONGALINE does. It is the most effective eliminative known. It banishes pain quickly without depending for its wonderful power on opium, morphine or other dangerous narcotic.



Tongaline
TRADE MARK
dissolves and throws off from the body the poisons whose accumulation cause rheumatism, Gout, Neuralgia, Sciatica, Nerve Headache, Lumbago, Sprain, Fever, Ladrillo, etc. TWENTY YEARS' SUCCESS proves its value. Drug-ists sell TONGALINE, 60c a bottle. Write for free booklet describing its use.
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Castoria is a substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Harmless and Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

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Cure Impotency, Night Emissions, Loss of Memory, all wasting diseases, all effects of self-abuse or excess and indiscretion. A nerve tonic and blood builder. Brings the pink glow to pale cheeks and restores the fire of youth. By mail 50c. per box, 6 boxes for \$2.50, with our bankable guarantee to cure or refund the money paid. Send for circular and copy of our bankable guarantee bond.

NERVITA TABLETS EXTRA STRENGTH Immediate Results

Positively guaranteed cure for Loss of Power, Varicocele, Undeveloped or Shrunken Organs, Paresis, Locomotor Ataxia, Nervous Prostration, Hysteria, Fits, Insanity, Paralysis and the Results of Excessive Use of Tobacco, Opium or Liquor. By mail in plain package, \$1.00 a box, 6 for \$5.00 with our bankable guarantee bond to cure in 30 days or refund money paid. Address

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Skin Diseases

When the excretory organs fail to carry off the waste material from the system, there is an abnormal accumulation of effete matter which poisons and clogs the blood, and it becomes sour and acid. This poison is carried through the general circulation to all parts of the body, and upon reaching the skin surface there is a redness and eruption, and by certain peculiarities we recognize Eczema, Tetter, Acne, Salt Rheum, Psoriasis, Erysipelas and many other skin troubles, more or less severe. While the skin is the seat of irritation, the real disease is in the blood. Medicated lotions and powders may allay the itching and burning, but never cure, no matter how long and faithfully continued, and the condition is often aggravated and skin permanently injured by their use.

The disease is more than skin deep; the entire circulation is poisoned.

The many preparations of arsenic, mercury, potash, etc., not only do not cure skin diseases, but soon ruin the digestion and break down the constitution.

S. S. S., nature's own remedy, made of roots, herbs and barks, of great purifying and tonical properties, quickly and effectually cures blood and skin troubles, because it goes direct to the root of the disease and stimulates and restores normal, healthy action to the different organs, cleanses and enriches the blood, and thus relieves the system of all poisonous secretions. S. S. S. cures permanently because it leaves none of the original poison to re-form in the blood and cause a fresh attack.

Healthy blood is necessary to preserve that clear, smooth skin and beautiful complexion so much desired by all. S. S. S. can be relied upon with certainty to keep the blood in perfect order. It has been curing blood and skin diseases for half a century; no other medicine can show such a record.

S. S. S. contains no poisonous minerals. It is purely vegetable and harmless. Our medical department is in charge of physicians of large experience in treating blood and skin diseases, who will take pleasure in aiding by their advice and direction all who desire it. Write fully and freely about your case; your letters are held in strictest confidence. We make no charge whatever for this service. Our book on Blood and Skin Diseases will be sent free upon application.

THE SWIFT SPECIFIC COMPANY, ATLANTA, GA.

